QW-482 SUGGESTED FORMAT FOR WELDING PROCEDURE SPECIFICATION (WPS) (See QW-200.1, Section IX, ASME Boiler and Presaure Vessal Code)

Company Name Bearing Industrial Contractors	Ву:	Casey White	
Wolding Properture Specification No. BIC #11	Date 10/01/07	Supporting POR No.(s) OW485	BIC11
Registra No0- Date 0	5/10/2004		
Revision No. O- Date O: Welding Process(es) SMAW	Турө(я)	Manual	***
Wording : (ocosava)	(Automatic, Manual, Machine, or Semi-Au	lo.)
		Detalls	
JO I NTS (QW-402)		W & . W	
Joint Design V-GROOVE		_	
Backing (Yes) (No) XX		75°±5°	·
Backing Material (Type) NO RETAINERS (Refer to both backing and ref	shers.)	10	ł
// MOIN GOOD COUNTY WIND IN			
Metal Norwing Metal			
fywt		\ /	ļ
Nonmetallic Other			
Sketches, Production Drawings, Weld Symbols or Written I	Description	\ /.	7 1
should show the general arrangement of the parts to be we	aldad, vv noro		> 1
applicable, the root spacing and the details of weld groove	may be)	L million	
specified.	ς		
(At the option of the Migr., sketches may be attached to illust	irste joint		• [
design, wold layers and bead sequence, e.g. for notch tought	ness proce-	3/30	. //
dures, for multiple process procedures, etc.)		2/40	# 30
			
*BASE METALS (QW-403) P-No. 1 Group No. 1 to P-No. OR	_	•	
P-No. 1 Group No. 1 to P-No.			
OR .			1
Specification type and gradeSA106 Grade	9 B	And the second s	
to Specification type and grade SA106 Grade B			
OR			
Chem, Analysis and Mech. Prop.			
Chem. Analysis and Mech, Prop.			
Thickness Range:	· ·	let All .	
		let All	
Pipe Dia, Range: Groove 1.00" O.D	. & OVER H	iar VII	-
Other			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
*FILLER METALS (QW-404)	in pass	Balance 5.1	
Spec. No. (SFA)	5.1	E7018	
AWS No. (Class)	E6010		
F-No.	. 3	4	
A-No.	1.	3/32" or 1/8'	
Size of Filler Metals	3/32", or 1/8"	3/32 0/ 1/8	
Deposited Weld Metal			
Thickness Range:		40E# 060	#
Groove	.125"436"	125"250	
Fillet	.125"436"	.125*250	
Eletrode-Flux (Class)			· · · · · · · · · · · · · · · · · · ·
Flux Trade Name	Suhmittal/Sh	op Drawing Review	, , , , , , , , , , , , , , , , , , ,
	Judinitual/ Sil	op Drawing Keview	
Other			
	API	PROVED	
Each base metal-filler metal combination should be recorded		PTIONS TAKEN	•
			-2300.
(12/89) This form (E00006) may be obtain			
			PR INT 4/00 (750)
	By: John F. Conway, S		
	Conway Management Group, I	LC	
•	jconway@conwaymgt.net	00545	
	4721 Haru Ln, Anchorage, AK		
	(907) 243-0656, FAX (907) 24	3-20/0	

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			Q	W-482 (Back)	}	WPS No.	BIC #11	Rev. <u>-0-</u>
OSITIONS (QW-405) Position(e) of Groove ALL					POSTWELD HEAT TREATMENT (QW-407) Temperature Range NONE			
Welding Progr	ession: Up	018 D	own 6010	Τ	imė Range			
Position(s) of I	Fillet			G/	AS (QW-408)			<u></u>
REHEAT (OW	-406)				10 (41) 13-7		ercent Composi	•
Prehesi Teren	Min. 5	5 DEG. F.+	a siyaya a siyaya a sanan a sa		leiding	Gas(as)		····
Interpass Ten	np, Max. <u>35</u>	ODEG.F.		Sh	telaluâ —			
Preheat Maintenance (Continuous or special heating where applicable should be recorded)			corded) Tra					
	NAME OF A CONTROL OF	ገሮድ (መንስ. ለዕስ)						***************************************
LECTRICAL (Current AC or	CHARACTERIST	Polarity	REVERS	Ę	-			
AMOR DOGGO	\ 70 - 1 95	Valls (R	nnoel 18 - 24					
(Amne end w	dio renno chorib	i ha recorded to	r each electrode may be listed in	\$120,				
position, and ular to	inickness, eic. Im similar to thi	it shown below.) Hada Ca riscen us	(I (UV)				
Tungstan Elec	ctrode Size and	Туре						
tangan. Da				(Pur	e Tungslen, 2%	Thoristed, etc.)		
Mode of Mote	t Transfer for Gi	MAN	· ·					
MONG OF MORE	1 Henraldi ian eu	· · · · · · · · · · · · · · · · · · ·		(Spra	y arc, short circ	uiting arc, etc.)		
Ciantrada Mili	n tond enged to	\na						
		484					.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
ECHNIQUE (QW-410)	muco WEA	VE BEAD OF	STRINGS	ER READ			
Initial and Int	eroasa Cleanino	(Brushing, Grin	ding, etc.) <u>CH</u>	IPPING, G	RINDING, O	R WIRE BRU	JSHING	
							,	
						,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		,
Oscillation					······································			
Contact Tub	e to Work Distar Ingle Pass (per	ide) MULT	PLE					
Multiple of G	ingle Cass (par ingle Electrodes	SINGLE						
Multiple or 6	d (Range) h	IANUAL		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				
Multiple or 6 Travel Spec								•
Multiple or S Travel Spec		PEENING	D THAN 1 /OF					
Multiple or S Travel Spec	NO PA	SS GREATE	R THAN 1/2"					
Multiple or S Travel Spec		SS GREATE	R THAN 1/2"					
Multiple or S Travel Spec		SS GREATE			rent			
Multiple or S Travel Spec		PEENING SS GREATE			rient			Other
Multiple or S Travel Spec		SS GREATE			rrent		Traval	(ø.g., Remarks, Co
Multiple or 6 Travel Specification Peening Other		SS GREATE		Gu	rrent Amp.	Volt	Travel Spaad	(e.g., Remarks, Co ments, Hot Wire Addition, Technique,
Multiple or 6 Travel Spee Peening Other		SS GREATE				Volt Range		(e.g., Remarks, Co- ments, Hot Wire
Multiple or 6 Travel Specification Peening Other Weld Layer(s)	NO PA	FILIOY Class	Metal Ola.	Cu Type Polar.	Amp.	1	Speed	(ø.ij., Remarks, Co ments, Hot Wire Addition, Technique,
Multiple or 6 Travel Specification Peening Other	NO PA	Filler Class	Metal	Type Polar. REV.	Amp. Range	18 - 22	Speed Range	(e.g., Remarks, Co ments, Hot Wire Addition, Technique,
Multiple or 6 Travel Specification Peening Other Weld Layer(s)	NO PA	FILIOY Class	Metal Ola.	Cu Type Polar.	Amp. Ranga	Range	Speed Range	(e.g., Remarks, Co ments, Hot Wire Addition, Technique,
Multiple or 6 Travel Speed Peening Other Weld Layer(s)	Process SMAW	Filler Class E6010	Ola. 3/32" or 1/8"	Type Polar. REV.	Amp. Range	18 - 22	Speed Range	(ø.ij., Remarks, Co ments, Hot Wire Addition, Technique,
Multiple or 6 Travel Speed Peening Other Weld Layer(s)	Process SMAW	Filler Class E6010	Ola. 3/32" or 1/8"	Type Polar. REV.	Amp. Range	18 - 22	Speed Range	(e.g., Remarks, Co ments, Hot Wire Addition, Technique,
Multiple or 6 Travel Spee Peening Other Weld Layer(s)	Process SMAW	Filler Class E6010	Ola. 3/32" or 1/8"	Type Polar. REV.	Amp. Range	18 - 22	Speed Range	(e.g., Remarks, Co ments, Hot Wire Addition, Technique
Multiple or 6 Travel Speed Peening Other Weld Layer(s)	Process SMAW	Filler Class E6010	Ola. 3/32" or 1/8"	Type Polar. REV.	Amp. Range	18 - 22	Speed Range	(e.g., Remarks, Co ments, Hot Wire Addition, Technique